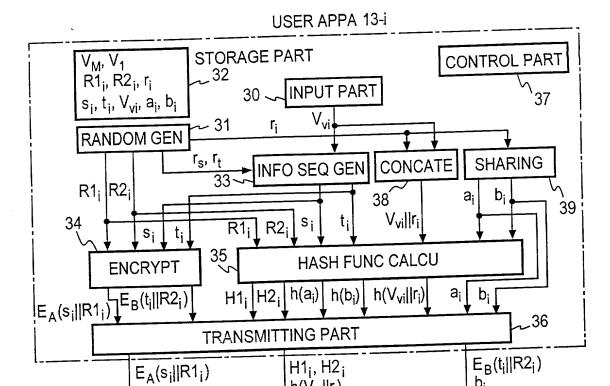


FIG. 1



 $h(V_{vi}||r_i)$

Lh(a_i),h(b_i)

TO BULLETIN BOARD APPA 21

, a_i

TO QUANT COMPE APPA 15A

 b_i

TO QUANT COMPE APPA 15B

FIG. 2

15A $E_A(s_i||R1_i)|HT_w^{RBw}, w$ 47A a_i 40A RANDOM GEN 42A -**DECRYPT** RECEIVING PART s_{i,w} RA_w $s_1 = \{s_{1,1}, s_{1,2}, \cdots, s_{1,M}\}, R1_1$ CONCATENATOR SEQ GEN $s_2 = \{s_{2,1}, s_{2,2}, \dots, s_{2,M}\}, R1_2$ 48A⁷ 49A HASH FUNC $s_N = \{s_{N,1}, s_{N,2}, \cdots, s_{N,M}\}, R1_N$ 43A-CALCU HS_w P, a_i HA_w <u>√41A</u> $\mathsf{HT}_{\mathsf{w}}^{\mathsf{RBw}}$ STORAGE PART **MODULAR** CA_w **EXPONENT** 46A W TRANSMITTING PART CONTROL ai (HAw, CAw) PART (HT_wRBw)RAwmod P FIG. 4

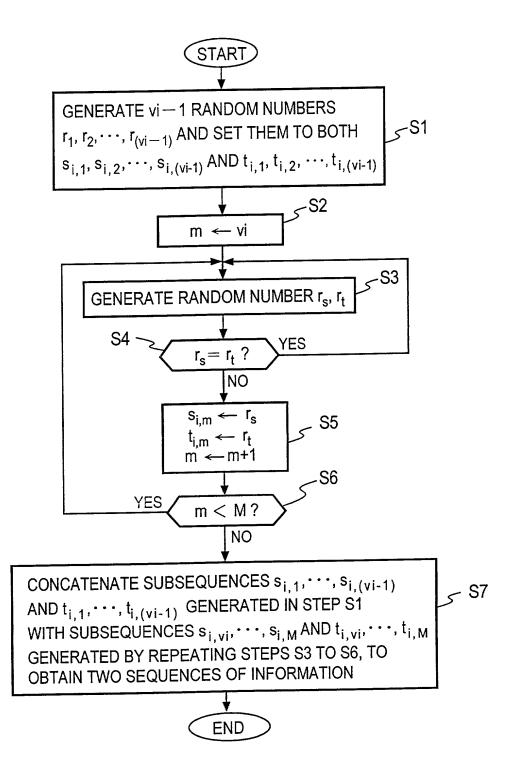


FIG. 3

FIG. 5

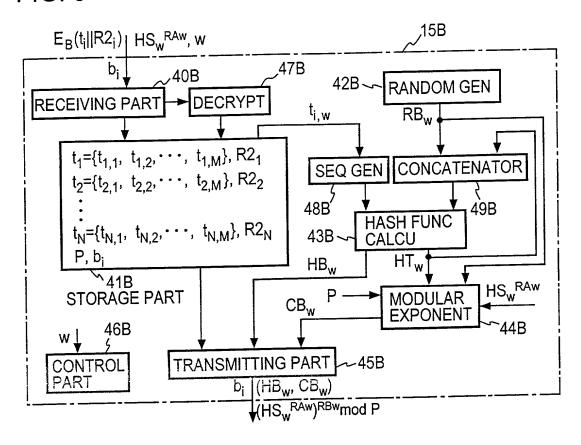
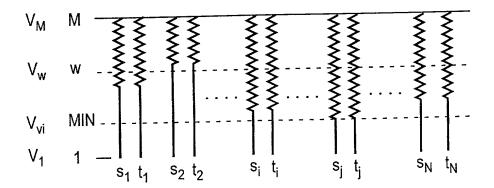


FIG. 6



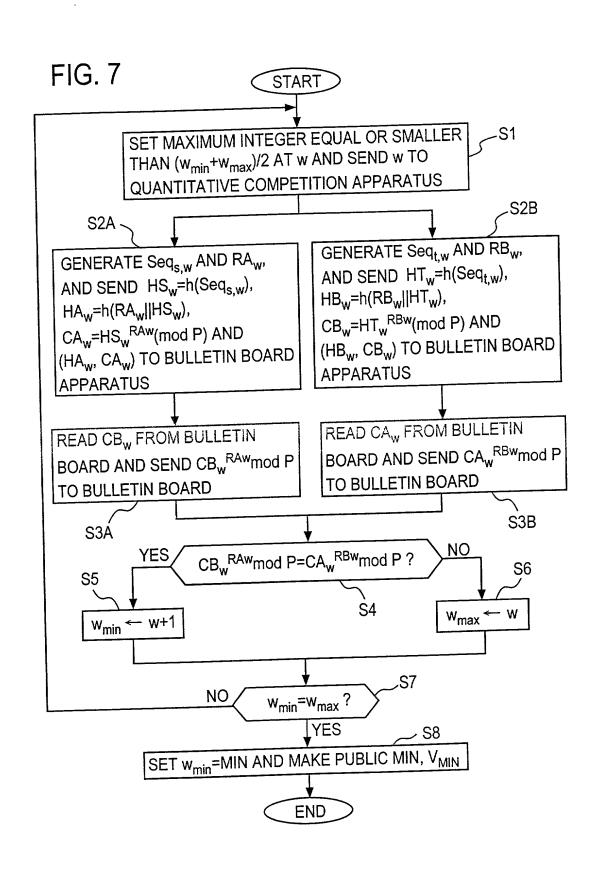


FIG. 8

